

AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions and listings of claims in the application:

1. (Currently Amended) A pointing device comprising:
 - a plurality of magnetic sensors placed on a printed circuit board;
 - an elastic member mounted on said printed circuit board the elastic member having a hollow for enabling sway in any desired direction;
 - a rigid pushing member placed on said elastic member; and
 - a magnet mounted on said elastic member or said pushing member, wherein said elastic member is adapted to be deformed by an external force and to return the magnet to an initial position when the external force is removed, said hollow being enclosed by said printed circuit board, and said plurality of magnetic sensors detect magnetic flux density changes caused by a sway of said magnet due to elastic deformation of said elastic member,

wherein said elastic member has a hollow that is made in such a manner that a portion where said magnet is placed and its neighborhood are made thinner than a remaining portion where the magnet is not placed.
2. (Original) The pointing device as claimed in claim 1, wherein said pushing member has a top whose area is greater than an area of said magnet.
3. (Original) The pointing device as claimed in claim 1, wherein said elastic member consists of a silicone resin.

4. (Original) The pointing device as claimed in claim 1, wherein said magnet and said elastic member are replaced by a rubber magnet.
5. (Original) The pointing device as claimed in claim 1, wherein said magnetic sensors are placed symmetrically along X axis and Y axis on a plane, and said magnet is disposed at about a center of said magnetic sensors.
6. (Original) The pointing device as claimed in claim 1, further comprising a switch on an elastic member side surface of said printed circuit board.
7. (Original) The pointing device as claimed in claim 6, further comprising a protrusion formed at a portion facing said switch on said elastic member, wherein said protrusion is provided for depressing said switch.
8. (Original) The pointing device as claimed in claim 6, wherein said switch is a tactile switch.
9. (Original) The pointing device as claimed in claim 1, wherein said elastic member and said magnet are glued at only a center of said magnet.
10. (Cancelled)
11. (Original) The pointing device as claimed in claim 1, wherein said elastic member comprises at least one projection toward said printed circuit board in said hollow.
12. (Original) The pointing device as claimed in claim 11, wherein said projection is placed near an outer edge of said hollow.

13. (Original) The pointing device as claimed in claim 1, wherein said magnet is displaceable in a direction perpendicular to said printed circuit board.
14. (Original) The pointing device as claimed in claim 1, wherein said elastic member has at least one bend that forms said hollow.
15. (Original) The pointing device as claimed in claim 14, wherein said bend includes a U grooved undercut.
16. (Original) The pointing device as claimed in claim 15, wherein said U grooved undercut has a depth less than a thickness of said elastic member.
17. (Original) The pointing device as claimed in claim 14, wherein said bend of said elastic member has a chamfer or rounding.
18. (Original) The pointing device as claimed in claim 1, to which a manipulation adapter is fitted, said manipulation adapter comprising:
 - a second elastic member mounted on an edge of said elastic member or on said pushing member;
 - a manipulation member mounted on said second elastic member; and
 - a second magnet mounted on said second elastic member or said manipulation member.

19. (Original) The pointing device as claimed in claim 18, wherein said second elastic member includes a second hollow to enable said manipulation member to be swayed in any desired direction; and said second magnet is mounted said second hollow side.

20. (Original) The pointing device as claimed in claim 1, to which a manipulation adapter is fitted, said manipulation adapter comprising:

a hold-down member mounted on an edge of said elastic member or on said pushing member;

a manipulation member whose movement is restrained by said hold-down member; and

a second magnet mounted on said manipulation member.

21-35. (Cancelled).

36. (Previously Presented) A pointing device comprising:

a printed circuit board;

an elastic member mounted on said printed circuit board to constitute a cavity configured to enable said elastic member to move in any desired direction;

a magnet placed on said pushing member; and

a plurality of magnetic sensors placed on said printed circuit board, said plurality of magnetic sensors being operable to detect magnetic flux density changes caused by movement of said magnet due to elastic deformation of said elastic member,

wherein said elastic member and said magnet are glued at only a center of said magnet.

37. (Previously Presented) A pointing device comprising:

- a printed circuit board;
 - a first elastic member mounted on said printed circuit board to constitute a first cavity for enabling movement in any desired direction;
 - a pushing member placed on said first elastic member;
 - a first magnet placed on said first elastic member or said pushing member;
 - a plurality of magnetic sensors placed on said printed circuit board, said plurality of magnetic sensors being operable to detect magnetic flux density changes caused by movement of said magnet due to elastic deformation of said first elastic member;
 - a second elastic member mounted on an edge of said first elastic member or on said pushing member, said second elastic member including a second cavity;
 - a manipulation member mounted on said second elastic member; and
 - a second magnet mounted on said second elastic member or said manipulation member, said second magnet being mounted on a side of the second elastic member that contains said second cavity,
- wherein said second cavity enables said manipulation member to be moved in any desired direction.

38. (Previously Presented) A pointing device comprising:

- a printed circuit board;
- an elastic member mounted on said printed circuit board to constitute a cavity configured to enable said elastic member to move in any desired direction;

- a pushing member placed on said elastic member;
- a first magnet placed on said first elastic member or said pushing member; and
- a plurality of magnetic sensors placed on said printed circuit board, said plurality of magnetic sensors being operable to detect magnetic flux density changes caused by movement of said magnet due to elastic deformation of said elastic member,
- a manipulation adapter including a hold-down member mounted on an edge of said elastic member or on said pushing member;
- a manipulation member whose movement is restrained by said hold-down member;
- and a second magnet mounted on said manipulation member.